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60975	7590	03/09/2009

CAMPBELL STEPHENSON LLP
11401 CENTURY OAKS TERRACE
BLDG. H, SUITE 250
AUSTIN, TX 78758

EXAMINER
SHRESTHA, BIJENDRA K

ART UNIT	PAPER NUMBER
3691	

DATE MAILED: 03/09/2009

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/760,096	01/10/2001	Janet L. Benton	OIC0290US	1687

TITLE OF INVENTION: SYSTEM AND METHOD FOR MAPPING INFORMATION COLLECTED IN CONNECTION WITH CREATION OF END-USER ORDERS FOR COMMUNICATIONS SERVICES TO THE CORRESPONDING INTER-PROVIDER ORDERS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	$1510	$300	$0	$1810	06/09/2009

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

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A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

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B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

Page 1 of 3

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_____ (Depositor's name)

_____ (Signature)

_____ (Date)

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nonprovisional	NO	$1510	$300	$0	$1810	06/09/2009

EXAMINER	ART UNIT	CLASS-SUBCLASS
SHRESTHA, BIJENDRA K	3691	705-027000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 _____

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:
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☐ Publication Fee (No small entity discount permitted)
☐ Advance Order - # of Copies _____

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)
☐ A check is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)
☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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PTOL-85 (Rev. 08/07) Approved for use through 08/31/2010.   OMB 0651-0033   U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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SHRESTHA, BIJENDRA K

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3691	

DATE MAILED: 03/09/2009

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 838 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 838 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

PTOL-85 (Rev. 08/07) Approved for use through 08/31/2010.

	Application No.	Applicant(s)
Notice of Allowability	09/760,096	BENTON ET AL.
	Examiner	Art Unit
	BIJENDRA K. SHRESTHA	3691

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to _09/10/2008_.

2. ☒ The allowed claim(s) is/are _1-22_.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

      a) ☐ All   b) ☐ Some*   c) ☐ None of the:

        1. ☐ Certified copies of the priority documents have been received.

        2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

        3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

        1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of

        Paper No./Mail Date _____ .

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☒ Examiner's Amendment/Comment

8. ☐ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

/Hani M. Kazimi/
Primary Examiner, Art Unit 3691

EXAMINER STATEMENT

1.   This action is responsive to the amendment filed on 09/10/2008. Of the original claims 1-30, claims 23-26 have been cancelled by applicants' amendment. Therefore, claims 1-22 and 27-30 are under consideration for prosecution of this application.

Summary of this Office Action

2.   Applicants' arguments filed on <u>09/10/2008</u>, and examiner's amendment have been fully considered, and discussed in the next section below, are deemed to be persuasive. Therefore, claims 1-22 are deemed to be allowable over the prior art of record, and applicants' request for allowance is respectfully granted.

EXAMINER'S AMENDMENT

3.   An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

4.   Authorization for this examiner's amendment was given in a telephone interview with attorney Jonathan N. Geld (registration # 44,702) on December 16, 2008. The application has been amended as follows:

1. (**Currently Amended**) A computer system executing program code for mapping

values collected in connection with creation of end-user orders for communications

services to corresponding inter-provider orders, wherein the <u>computer system</u>

comprises:

    <u>a first processor;</u>

    <u>a display device coupled to the first processor;</u>

    an end-user ordering module, <u>executable by the first processor, and</u> configured

to:

    display a service provider product catalog to an end user <u>using the display</u>

<u>device,</u> wherein the service provider product catalog comprises one or more service

items, each corresponding to a service item type, each service item type has a

corresponding set of service specifications that describe the service item type, one or

more service items correspond to a corresponding local product item of one or more

local product items available from an interprovider ordering module, each local product

item corresponds to a local item type, and each local item type has a corresponding set

of local specifications that describe the local item type;

    provide one or more developer defined labels (DDLs) for each of the one or more

service items that have a corresponding local product item, wherein

each DDL comprises a local specification from the set of local specifications that is

missing from the set of service specifications;

    determine whether an end-user requested service item relates to a service item

type having at least one associated DDL;

if the requested service item relates to a service item type having at least one

DDL, prompt the end-user for a value of each additional DDL-specified

attribute in connection with creation of an end-user order for the requested

service item; and

communicate the end-user order for use in subsequently creating a

corresponding inter-provider order; _and_

a second processor; and

the inter-provider ordering module_, executable by the second processor,_ coupled

to the end-user ordering module and _configured operable_ to:

receive the end-user order;

determine whether the end-user order has a value for each additional DDL

specified attribute; and

if the end-user order has a value for the additional DDL-specified attribute,

automatically map the value from the end-user order to an appropriate field of the inter-

provider order.

2. (Previously Presented) The system of claim 1, wherein the inter-provider order

comprises an industry standard Local Service Request (LSR).

3. (Original) The system of claim 2, wherein:

the requested service item is an unbundled port;

the additional DDL-specified attribute is selected from the group consisting of a

Local Existing Account Number (LEAN) and a Local Existing Account Telephone

Number (LEATN); and

the associated service item type is provided for mapping an unbundled port from an end user order to an LSR.

4. (Original) The system of claim 2, wherein the DDL allows a developer of the end-user ordering module to provide for collection of additional attribute values in response to an industry mandated change in LSR format without necessitating the development of new software.

5. (Original) The system of claim 2, wherein the value is automatically mapped to appropriate fields of multiple forms included within the LSR.

6. (Original) The system of claim 1, wherein the end-user ordering module is operable to relate the requested service item to a product specification and relate the product specification to a service item type to determine whether the requested service item relates to a service item type having a DDL.

7. (Original) The system of claim 1, wherein the end-user ordering module is further operable to validate that the value for the additional DDL-specified attribute has been supplied before communicating the end-user order.

8. (Previously Presented) A data storage medium storing program code for mapping values collected in connection with creation of end-user orders for communications services to corresponding inter-provider orders, the program code, when executed by one or more computers, is configured to:

display a service provider product catalog to an end user, wherein the service provider product catalog comprises one or more service items, each

corresponding to a service item type, each service item type has a corresponding set of

service specifications that describe the service item type, one or more service items

correspond to a corresponding local product item of one or more local product items

available from an inter-provider ordering module,

each local product item corresponds to a local item type, and each local item type has a

corresponding set of local specifications that describe the local item type;

provide one or more developer defined labels (DDLs) for each of the one or more

service items that have a corresponding local product item, wherein

each DDL comprises a local specification from the set of local specifications that

is missing from the set of service specifications;

determine whether an end-user requested service item relates to a service item

type having at least one associated DDL;

if the requested service item relates to a service item type having at least one

DDL, prompt the end-user for a value of each additional DDL-specified attribute in

connection with creation of an end-user order for the requested service item; and

provide the end-user order for use in subsequently creating the corresponding

interprovider order;

determine whether the end-user order has a value for each additional DDL-

specified attribute; and

if the end-user order has a value for the additional DDL-specified attribute,

automatically map the value from the end-user order to an appropriate field of the inter-

provider order.

9. (Previously Presented) The data storage medium of claim 8, wherein the inter-provider order comprises an industry standard Local Service Request (LSR).

10. (Previously Presented) The data storage medium of claim 9, wherein: the requested service item is an unbundled port; the additional DDL-specified attribute is selected from the group consisting of a Local Existing Account Number (LEAN) and a Local Existing Account Telephone Number (LEATN); and the associated service item type is provided for mapping an unbundled port from an end-user order to an LSR.

11. (Previously Presented) The data storage medium of claim 9, wherein the DDL allows a developer of the program code to provide for collection of additional attribute values in response to an industry mandated change in LSR format without necessitating the development of new program code.

12. (Previously Presented) The data storage medium of claim 9, wherein the value is automatically mapped to appropriate fields of multiple forms included within the LSR.

13. (Previously Presented) The data storage medium of claim 8, wherein the program code, upon execution, is operable to relate the requested service item to a product specification and relate the product specification to a service item type to determine whether the requested service item relates to a service item type having a DDL.

14. (Previously Presented) The data storage medium of claim 8, wherein the program code, upon execution, is further operable to validate that the value for the additional DDL-specified attribute has been supplied before providing the end-user order.

15. (**Currently Amended**) A computer-implemented method of mapping values

collected in connection with creation of end-user orders for communications services to

corresponding interprovider orders, the method comprising:

    displaying a service provider product catalog to an end user, wherein

the service provider product catalog comprises one or more service items, each

corresponding to a service item type, each service item type has a corresponding set of

service specifications that describe the service item type, one or more service items

correspond to a corresponding local product item of one or more local product items

available from an inter-provider ordering module, each local product item corresponds

to a local item type, _and_ each local item type has a corresponding set of local

specifications that describe the local item type_, and said displaying is performed using a_

display coupled to a computer executing the computer-implemented method;

    providing one or more developer defined labels (DDLs) for each of the one or

more service items that have a corresponding local product item, wherein

each DDL comprises a local specification from the set of local specifications that

is missing from the set of service specifications_, and the one or more DDLs are stored_

using a memory coupled to the computer executing the computer-implemented method;

    determining whether an end-user requested service item relates to a service item

type having at least one associated DDL_, said determining is performed by the_

computer executing the computer-implemented method;

if the requested service item relates to a service item type having at least one DDL,

prompting the end-user for a value of each additional DDL-specified attribute in

connection with creation of an end-user order for the requested service item;

providing the end-user order for subsequent use in creating the corresponding

interprovider order;

determining whether the end-user order has a value for the additional DDL-

specified attribute; and

if the end-user order has a value for the additional DDL-specified attribute,

automatically mapping the value from the end-user order to an appropriate field of the

interprovider order, said mapping is performed by the computer executing the computer-

implemented method.

16. (Previously Presented) The method of claim 15, wherein the inter-provider order

comprises an industry standard Local Service Request (LSR).

17. (Original) The method of claim 16, wherein: the requested service item is an

unbundled port; the additional DDL-specified attribute is selected from the group

consisting of a Local Existing Account Number (LEAN) and a Local Existing Account

Telephone Number (LEATN); and

the associated service item type is provided for mapping an unbundled port from

an end-user order to an LSR.

18. (Original) The method of claim 16, wherein the DDL allows a developer of software

performing the method to provide for collection of additional attribute values in response

to an industry mandated change in LSR format without necessitating the development of new software.

19. (Original) The method of claim 16, wherein the value is automatically mapped to appropriate fields of multiple forms included within the LSR.

20. (Original) The method of claim 15, wherein the requested service item is related to a product specification and the product specification is related to a service item type to determine whether the requested service item relates to a service item type having a DDL.

21. (Original) The method of claim 15, further comprising validating that the value for the additional DDL-specified attribute has been supplied before providing the end-user order.

22. (Previously Presented) A computer system containing executable program code for mapping values collected in connection with creation of end-user orders for communications services to corresponding inter-provider orders, wherein the program code comprises:

 means for displaying a service provider product catalog to an end user, wherein the service provider product catalog comprises one or more service items, each corresponding to a service item type, each service item type has a corresponding set of service specifications that describe the service item type,

one or more service items correspond to a corresponding local product item of one or more local product items available from an inter-provider ordering module,

each local product item corresponds to a local item type, and each local item type has a corresponding set of local specifications that describe the local item type;

means for providing one or more developer defined labels (DDLs) for each of the one or more service items that have a corresponding local product item, wherein each DDL comprises a local specification from the set of local specifications that is missing from the set of service specifications;

means for determining whether an end-user requested service item relates to a service item type having at least one associated DDL;

means for, if the requested service item relates to a service item type having at least one DDL, prompting the end-user for a value of each additional DDL-specified attribute in connection with creation of an end-user order for the requested service item;

means for providing the end-user order for use in subsequently creating a corresponding inter-provider order;

means for determining whether the end-user order includes a value for each additional DDL-specified attribute; and

means for, if the end-user order has a value for the additional DDL-specified attribute, automatically mapping the value from the end-user order to an appropriate field of the inter-provider order.

23-30. (Canceled).

Conclusion

5.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Bijendra K. Shrestha whose telephone number is (571)

270-1374. The examiner can normally be reached on 8:00 AM-4:30 PM (Monday-

Friday).

        If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Alexander Kalinowski can be reached on (571) 272-6771. The fax phone

number for the organization where this application or proceeding is assigned is 571-

273-8300.

        Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

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Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a

USPTO Customer Service Representative or access to the automated information

system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

BKS/3691

/Hani M. Kazimi/
Primary Examiner, Art Unit 3691